Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

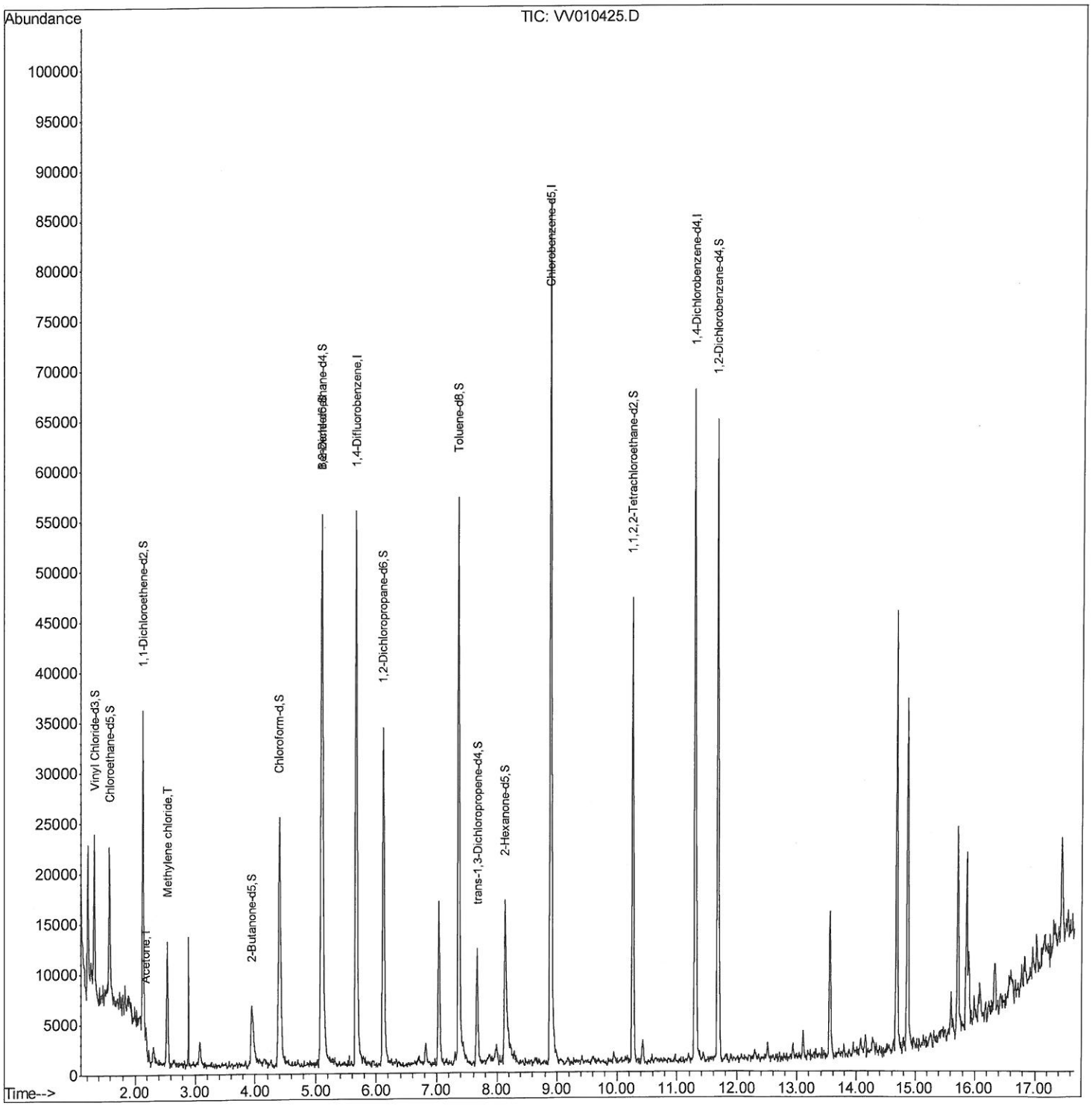
Quantitation Report (QT Reviewed)

Data File : VV010425.D
Acq On : 22 Apr 2019 21:40
Operator : SY/MD
Sample : K2456-13RE
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 07:34:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAHN3RE

Manual Integrations APPROVED
MMDadoda
4/25/2019 9:20:40 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

Quantitation Report (Qedit)

Data File : VV010425.D
Acq On : 22 Apr 2019 21:40
Operator : SY/MD
Sample : K2456-13RE
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 07:32:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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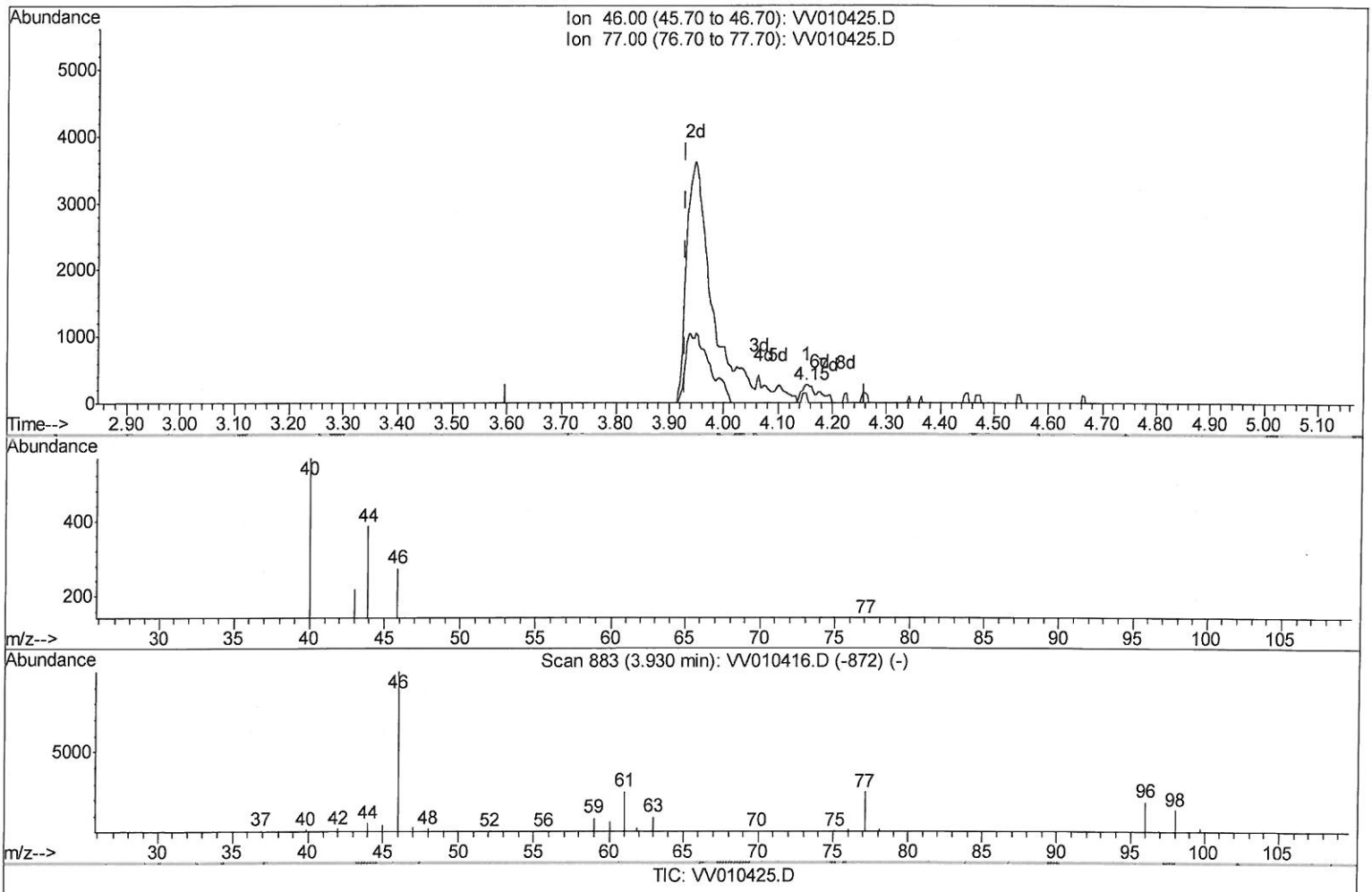
Manual Integrations APPROVED
MMDadoda
4/25/2019 9:20:40 AM



TIC: VV010425.D

(20) 2-Butanone-d5 (S)

4.151min (+0.222) 2.41ug/L

response 389

Ion	Exp%	Act%
46.00	100	100
77.00	23.90	20.82
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

Quantitation Report (Qedit)

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Misc : 5.10G/10mL/MSVOA_V/SOIL
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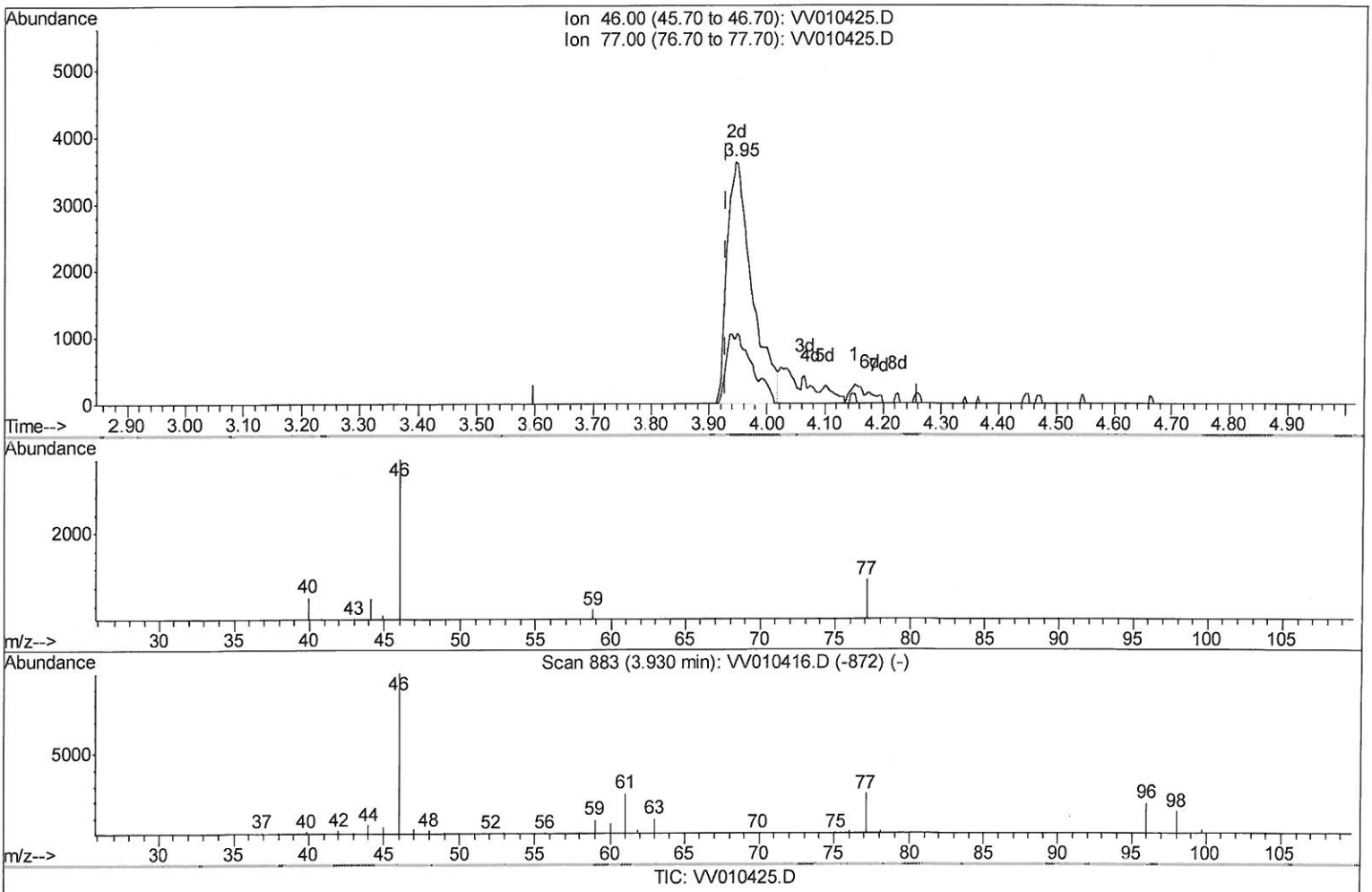
Quant Time: Apr 23 07:32:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : GAHN3RE

Manual Integrations APPROVED
MMDadoda
4/25/2019 9:20:40 AM



(20) 2-Butanone-d5 (S)

3.946min (+0.016) 66.44ug/L m 04/23/19 SY

response 10709

Ion	Exp%	Act%
46.00	100	100
77.00	23.90	0.76#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

Quantitation Report (Qedit)

Data File : VV010425.D
Acq On : 22 Apr 2019 21:40
Operator : SY/MD
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Misc : 5.10G/10mL/MSVOA_V/SOIL
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Instrument :
MSVOA_V
ClientSampleId :
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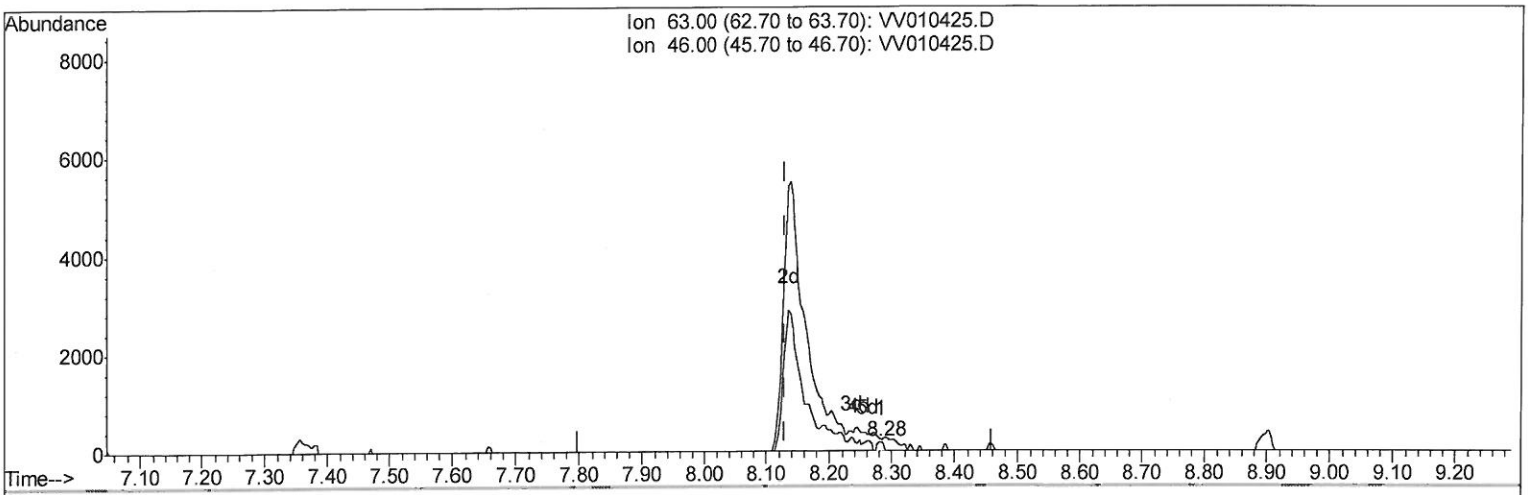
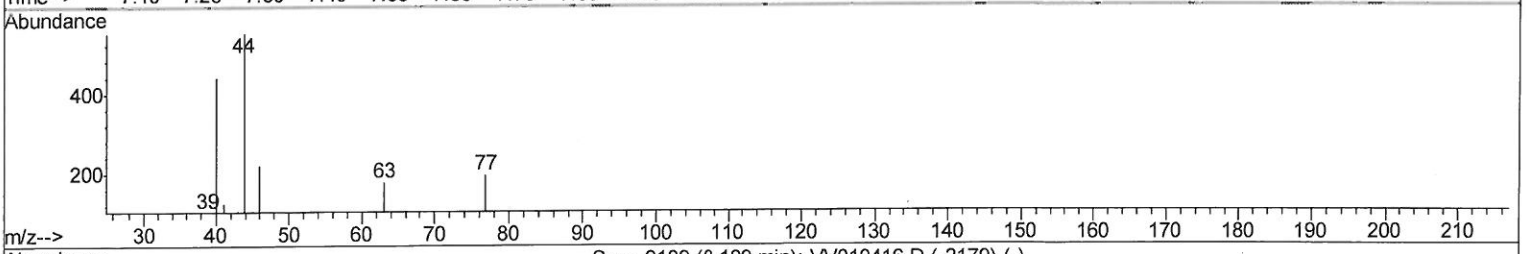
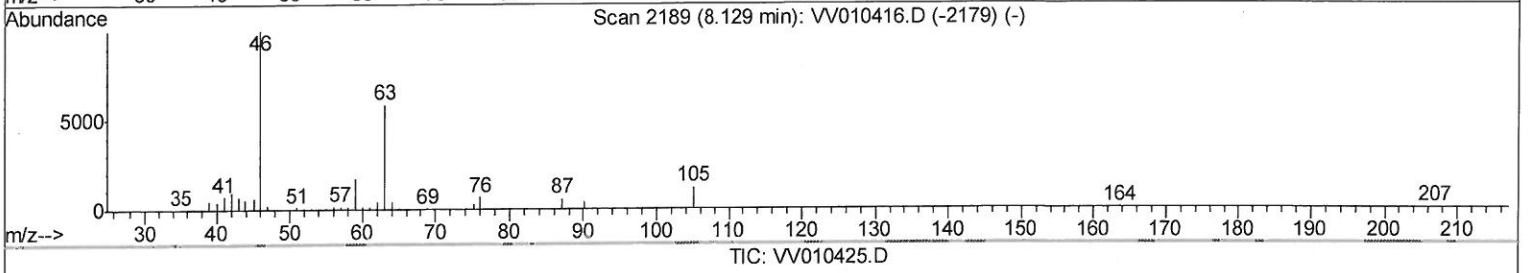
Manual Integrations APPROVED
MMDadoda
4/25/2019 9:20:40 AM







TIC: VV010425.D

(39) 2-Hexanone-d5 (S)

8.283min (+0.154) 0.85ug/L

response 116

Ion	Exp%	Act%
63.00	100	100
46.00	176.60	176.72
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

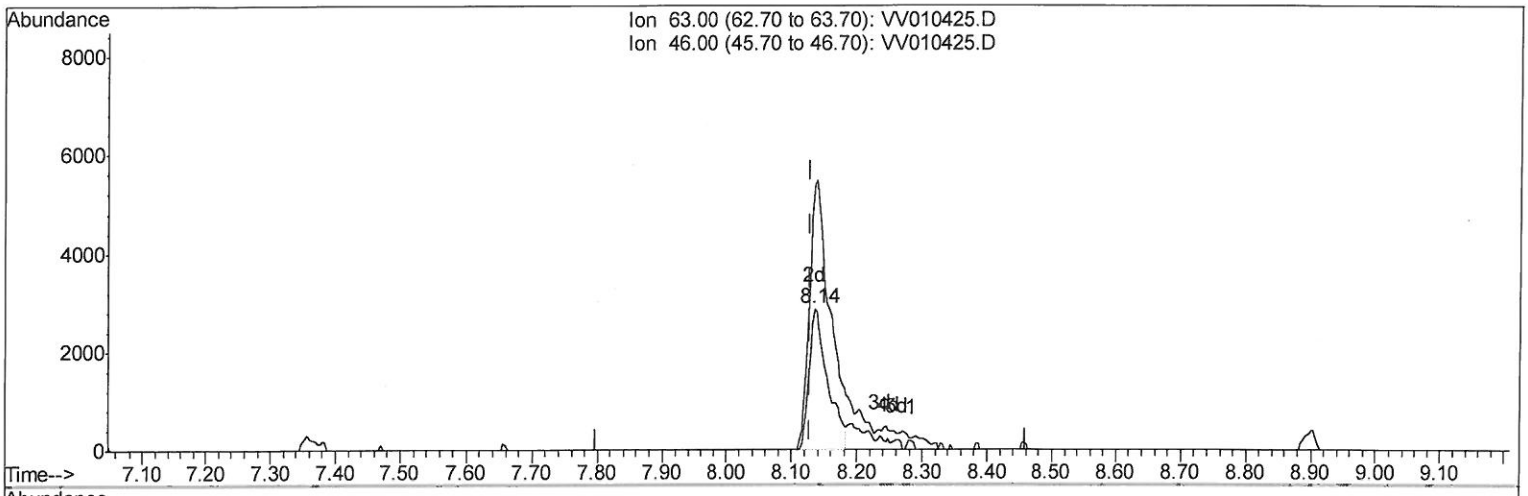
Quantitation Report (Qedit)

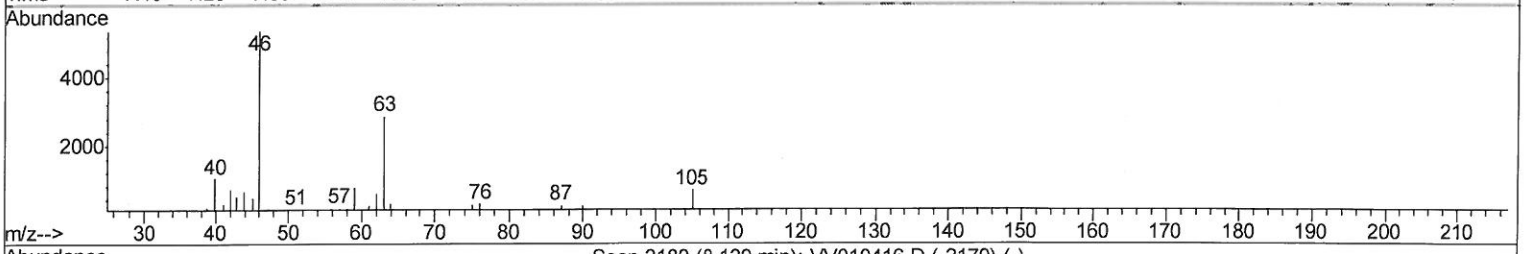
Data File : VV010425.D
Acq On : 22 Apr 2019 21:40
Operator : SY/MD
Sample : K2456-13RE
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

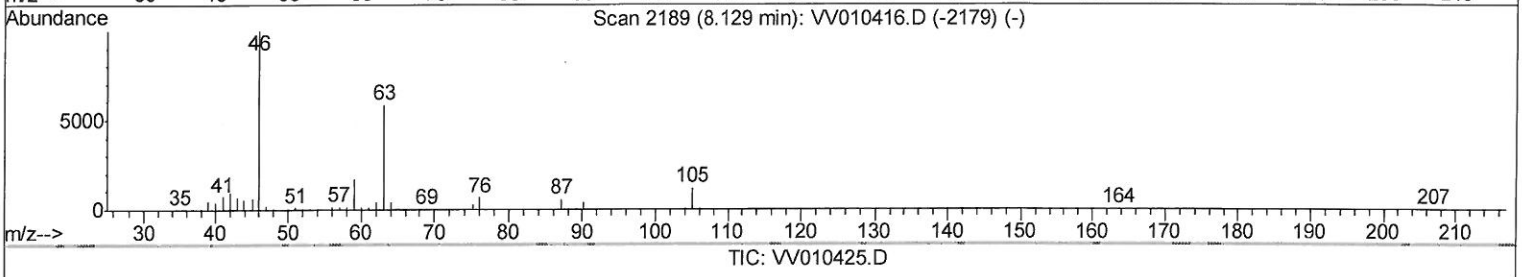
Quant Time: Apr 23 07:32:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAHN3RE

Manual Integrations APPROVED
MMDadoda
4/25/2019 9:20:40 AM







TIC: VV010425.D

(39) 2-Hexanone-d5 (S)

8.135min (+0.006) 41.66ug/L m > 04/28/19 SY

response 5669

Ion	Exp%	Act%
63.00	100	100
46.00	176.60	3.62#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

Quantitation Report (QT Reviewed)

Data File : VV010425.D
Acq On : 22 Apr 2019 21:40
Operator : SY/MD
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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : GAHN3RE

Manual Integrations APPROVED
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4/25/2019 9:20:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	50035	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	50298	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19762	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	8525	12.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 49.48%			
7) Chloroethane-d5	1.59	69	8766	16.35	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.40%			
10) 1,1-Dichloroethene-d2	2.13	63	15077	11.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.84%			
20) 2-Butanone-d5	3.95	46	10709m	66.44	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.88%			
24) Chloroform-d	4.40	84	25783	21.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.36%			
26) 1,2-Dichloroethane-d4	5.09	65	19693	26.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.00%			
29) Benzene-d6	5.10	84	42844	18.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 73.80%			
33) 1,2-Dichloropropane-d6	6.12	67	15588	22.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.04%			
37) Toluene-d8	7.36	98	41518	17.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 69.44%			
38) trans-1,3-Dichloropropene-	7.67	79	6515	19.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.24%			
39) 2-Hexanone-d5	8.14	63	5669m	41.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.32%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	19170	28.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.88%			
61) 1,2-Dichlorobenzene-d4	11.68	152	17866	23.79	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.16%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1537	8.897	ug/L	74
16) Methylene chloride	2.54	84	4364	5.947	ug/L	97

04/28/19 SG

04/28/19 SG

(#) = qualifier out of range (m) = manual integration (+) = signals summed